

Boston University

OpenBU

<http://open.bu.edu>

BU Publications

BU Medical Center: Press Releases

1977-09-01

News from Boston University Medical Center: September 1, 1977 no. 1126

<https://hdl.handle.net/2144/26578>

Boston University

News from Boston University Medical Center

Office of Informational Services
720 Harrison Avenue
Suite 203
Boston, Massachusetts 02118
617/267-3611

No. 1126

Mailed: Sept. 1, 1977

FOR IMMEDIATE RELEASE:

Rockland resident Richard M. Niles, Ph.D., an assistant professor of surgery and biochemistry at Boston University School of Medicine, has recently been named principal investigator of a \$37,500 study, funded by the American Cancer Society, entitled "The Role of the Cyclic Nucleotide System in Cellular Transformation and Replication."

Under the grant, Niles will study a chemical compound called cyclic AMP that controls the reproduction of normal body cells, to discover if and how a malfunction in the way this chemical works may lead to cancer. He will also conduct experiments to find out if measuring the level of cyclic AMP in the blood or urine of a patient could be an effective diagnostic test for the presence of cancer.

Formerly a research associate in cell biology at the Institute for Cancer Research in Philadelphia, Pa., Niles is currently a full member of the Cancer Research Center at Boston University Medical Center. He is an elected member of the Phi Sigma Society, the Sigma Xi Society and the New York Academy of Sciences. He also belongs to the American Society of Plant Physiologists, the American Society of Cell Biologists, and the Tissue Culture Association.

-cont.-

12
The recipient of many previous grants--including a \$100,000 National Institutes of Health grant in 1976 to study the molecular mechanisms by which cancerous cells can spread throughout the body via the circulatory and lymphatic systems--Niles has also published some 18 articles in various scientific journals.

He received his Ph.D. degree in plant pathology biochemistry from the University of Massachusetts at Amherst in 1972, and currently lives on Woodbury road with his wife and son.

###